United States Environmental Protection Agency
Region 5
POLLUTION REPORT

Date: Friday, November 05, 2004
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Subject: Treatment completed
76th and Albany
76th and Albany, Chicago, IL

POLREP No.:	11	**Site #:**	A541
Reporting Period:	10/19/04 to 11/05/04	**D.O. #:**	68-S5-98-02
Start Date:	12/18/2000	**Response Authority:**	CERCLA
Mob Date:	12/18/2000	**Response Type:**	TC
Completion Date:		**NPL Status:**	Non NPL
CERCLIS ID #:	ILSFN0507984	**Incident Category:**	Removal Action
RCRIS ID #:		**Contract #**	

Site Description

The property known as 76th and Albany consists of a large tract of land some 20 acres in size. The east half of the site operated as a drive-in theater, althought has been closed and abandon for many years. The west half of the site was leased by the property owners to Krisjon Construction Co., and operated as a disposal site for soil and construction material, and for recycling broken concrete slabs and asphalt. Krisjon Constructions operated at the site from 1989 through 1993 when they abandoned the site leaving roughly 400,000 cubic yards of material stockpiled on site. Subsequent investigations revealed that there were areas on the site that contained other disposed materials other than concrete and asphalt. Areas on the site were believed to contain petroleum contaminated soils and ASR material. The site consists of numerous waste piles, the largest running along the northern boundary of the property and distinct areas of concrete, asphalt, and ASR are located on the southern portion of the site. The property is partially fenced, but can be easily accessible to the public.

A Removal Site Assessment was conducted on February 4, 2000, to determine the extent of the automobile shredder residue (□ASR□) previously observed at the Site, and to obtain additional analytical data to warrant a removal action. The fill area containing the ASR was sectioned into 50 foot grids with sample points at the grid nodes. Thirty sample points

were generated and visually inspected for ASR. Eleven samples were collected of ASR at or near the surface and one duplicate. The samples were analyzed for total lead, TCLP lead, and Polychlorinated Biphenyls (PCBs). The results identified Total lead levels ranging from 722 to 4,780ppm, TCLP lead levels ranging from 0.52 to 27.3mg/l, and PCBs ranging from 4.45 to 198.5mg/l. The ASR remaining for this removal action appears to be limited to an area approximately of one acre at the northwest corner of the site, and may extend down 10 feet in depth. Total amount of ASR for the purpose of this action is estimated at 5,000 cubic yards.

The original Action Memorandum for the 76th and Albany Site was signed on November 3, 2000, with an approved ceiling of $750,750. The removal was initiated on December 18, 2000, and was originally scoped to address approximately 10,000 cubic yards of Automobile Shredder Residue (ASR) contaminated with lead and PCBs. The initial assessment indicated that the ASR was primarily located along the west portion of the site, with depths varying from one to eight feet. A test pit in the east portion of the site appeared clean and ASR material was not anticipated in this area. Upon initiation of the removal action, additional test pits were conducted throughout the entire site to locate all ASR material that may be present on site. During this investigation a large area of ASR was discovered on the east portion of the site to a depth in excess of 12 feet. The waste volume from this area was approximately 12,000 cubic yards, and a ceiling increase memo was completed for an additional $835,050, dated February 7, 2001.

The City of Chicago was conducting a parallel operation addressing ASR in a different location at the Site, utilizing the same contractor and treatment methodology. The City completed excavation and treatment of the remaining ASR, but exhausted their funding prior to completion of disposal activities. Approximately 10,000 cubic yards of treated ASR remained stockpiled on site. Due to the lack of resources by the City, a second ceiling increase memo was completed for an additional $475,380, dated August 21,2001. The total project ceiling for the site was now at $2,061,180

Current Activities

Cleanup operations by the City have ceased for lack of funding. An area in the northwest corner of the property still contains approximately 5,000 cubic yards of ASR that would require treatment and disposal. The City has acquired title to the property and is pursuing additional development of the Site.

The City of Chicago negotiated a redevelopment plan for this property, and completed clearing the remaining ASR, concrete and construction debris. Tetra Tech was hired by the City as the prime contractor and oversaw all work at the site. Any additional ASR material discovered during the cleanup was to be mitigated by the City. Currently two large distribution facilities have been built on east portion of the Site. The west side of the Site remains undeveloped. A small section in the northwest corner still contains a debris and ASR. The State has no plans to conduct or assist with any of the remediation activities at this time.

The City of Chicago intends to continue redevelopment on the west portion of the Site, but has hit a roadblock due to funding shortfalls to remove the remaining ASR. The City of

Chicago is requesting additional assistance to treat and remove the remaining ASR, to allow redevelopment to continue

Planned Removal Actions

ERRS contractor remobed to the site on 10/19/04, set up support facilities and secured equipment for excavation and treatment. From 10/20/04 through 11/03/04, excavated two areas of ASR material located at the northwest corner of the site. ASR appears to be isolated in these two areas, as several test pits were excavated in the remaining debris pile and were all determined to be clean. The ASR material was staged onsite for future treatment to reduce lead levels. Sevenson Environmental initiated treatment activities on 10/26/04 and completed treatment on 11/03/04. Approximately 3800 cu. yds. have been excavated and treated to date. Eight samples have been collected at five hundred yard intervals to confirm TCLP lead levels are below 5 mg/kg, and PCB levels are below 50 mg/kg. Treated ASR is currently being staged for disposal.

Next Steps

-Continue staging ASR for disposal.
-Five sample results have met disposal criteria.
-Awaiting final three sample results.
-Disposal is scheduled to start on 11/9/04
-Demobe equipment and personnel upon completion of disposal work.

Key Issues

No key issues.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	$2,482,780.00	$2,072,173.00	$410,607.00	16.54%
RST/START	$26,600.00	$15,200.00	$11,400.00	42.86%
Intramural Costs				
USEPA - Direct (Region, HQ)	$43,800.00	$42,360.00	$1,440.00	3.29%
Total Site Costs	$2,553,180.00	$2,129,733.00	$423,447.00	16.59%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not

claim for cost recovery.

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